

PDF technical sheet

NF308

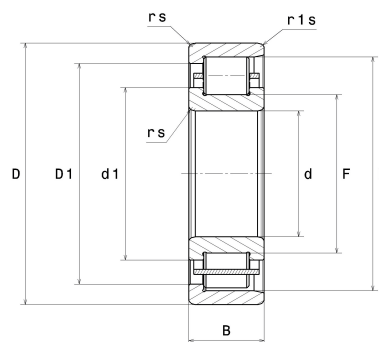


Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

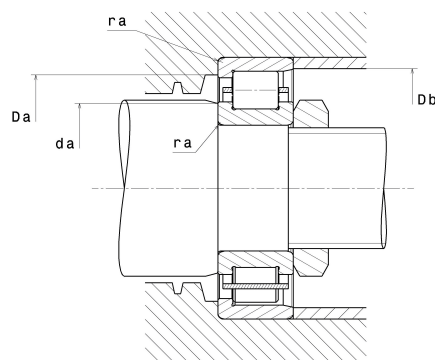
Product definition

d	1.5748 "
D	3.5433 "
B	0.9055 "
E	3.0512 "
F	2.1063 "
d1	2.2992 "
rs min	0.0591 "
r1s min	0.0591 "
Radial clearance class	CN
Mass (without HJ ring)	2.35 oz
Brand	NTN



Product performance

Dynamic load, C	58.50 kN
Static load, C0	57 kN
Fatigue limit load, Cu	7 kN
Nlim (oil)	9,400 RPM
Nlim (grease)	8,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions

da min	1.8898 "
Da max	3.2283 "
Db min	3.1496 "
ra max	0.0591 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$